**Homework 29H Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Add, Subtract, and Solve Radical Equations Period:\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Failure to show work and write in complete sentences on all problems will result in a LaSalle.**

|  |  |
| --- | --- |
| 1) Simplify: | 2) Simplify: |
| 3) Simplify: | 4) Simplify: |
| 5) Simplify: | 6) Simplify: |
| 7) Solve + 5 = 0 | 8) + 4 = |
| 9) = 0 | 10) x |

Mixed Review

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| 1) Order the following numbers from least to greatest (SHOW WORK!!!!):    A)  B)  C)  D)  E) | | 2) Simplify: |
| 3) What are the zeros of the following equation: | 4) Find the value of the discriminant, and identify any solutions if they exist: | |
| 5) Ayanna drinks 1,000 milliliters of water every hour. If she works from 6AM – 4 PM, how many liters of water does she drink a day? | 6) Find the product of:  (  A) -3  B)  C)  D)  E) | |
| 7) Which expression is equivalent to:    A)  B)  C)  D)  E) | 8) Create a quadratic equation that has a reflection and a stretch. | |